

**Trellis Based Maximum Likelihood Signal Estimation Method and Apparatus for
Blind Joint Channel Estimation and Signal Detection;**

Inventor(s): Cao et al.
Filed: November 27, 2001

Attorney Docket: MH-5081
1 of 4 Drawing Sheets

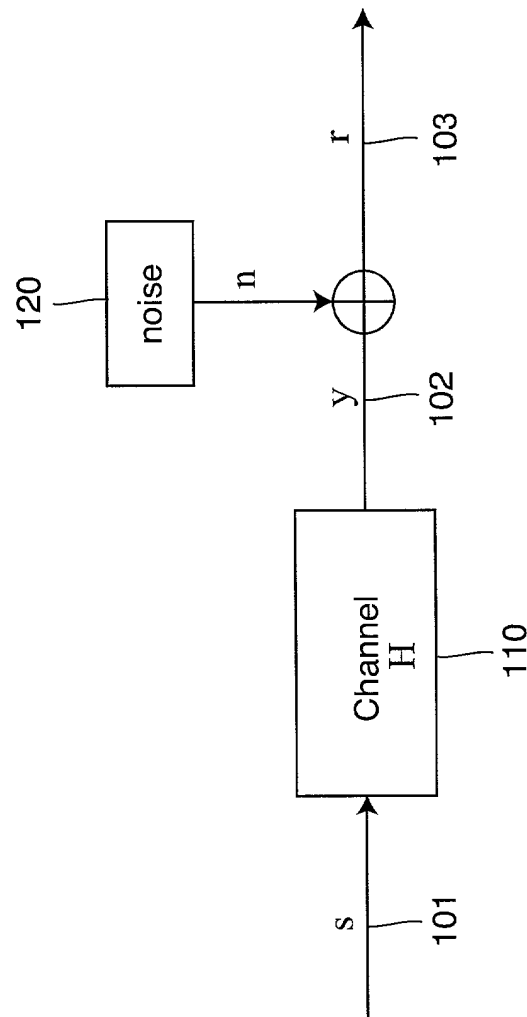


FIG.1

FIG. 1

**Trellis Based Maximum Likelihood Signal Estimation Method and Apparatus for
Blind Joint Channel Estimation and Signal Detection;**

Inventor(s): Cao et al.
Filed: November 27, 2001

Attny. Docket: MH-5081
2 of 4 Drawing Sheets

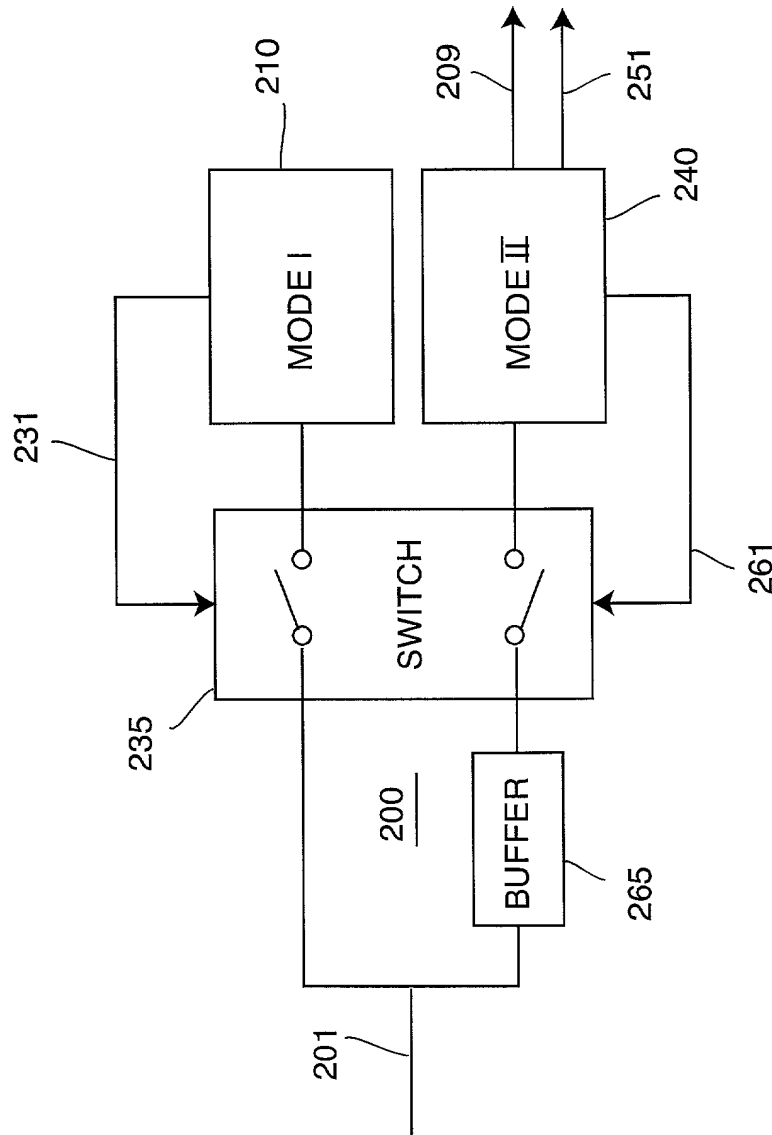


FIG.2 a

Trellis Based Maximum Likelihood Signal Estimation Method and Apparatus for Blind Joint Channel Estimation and Signal Detection;

Inventor(s): Cao et al.
Filed: November 27, 2001

Attny. Docket: MH-5081
3 of 4 Drawing Sheets

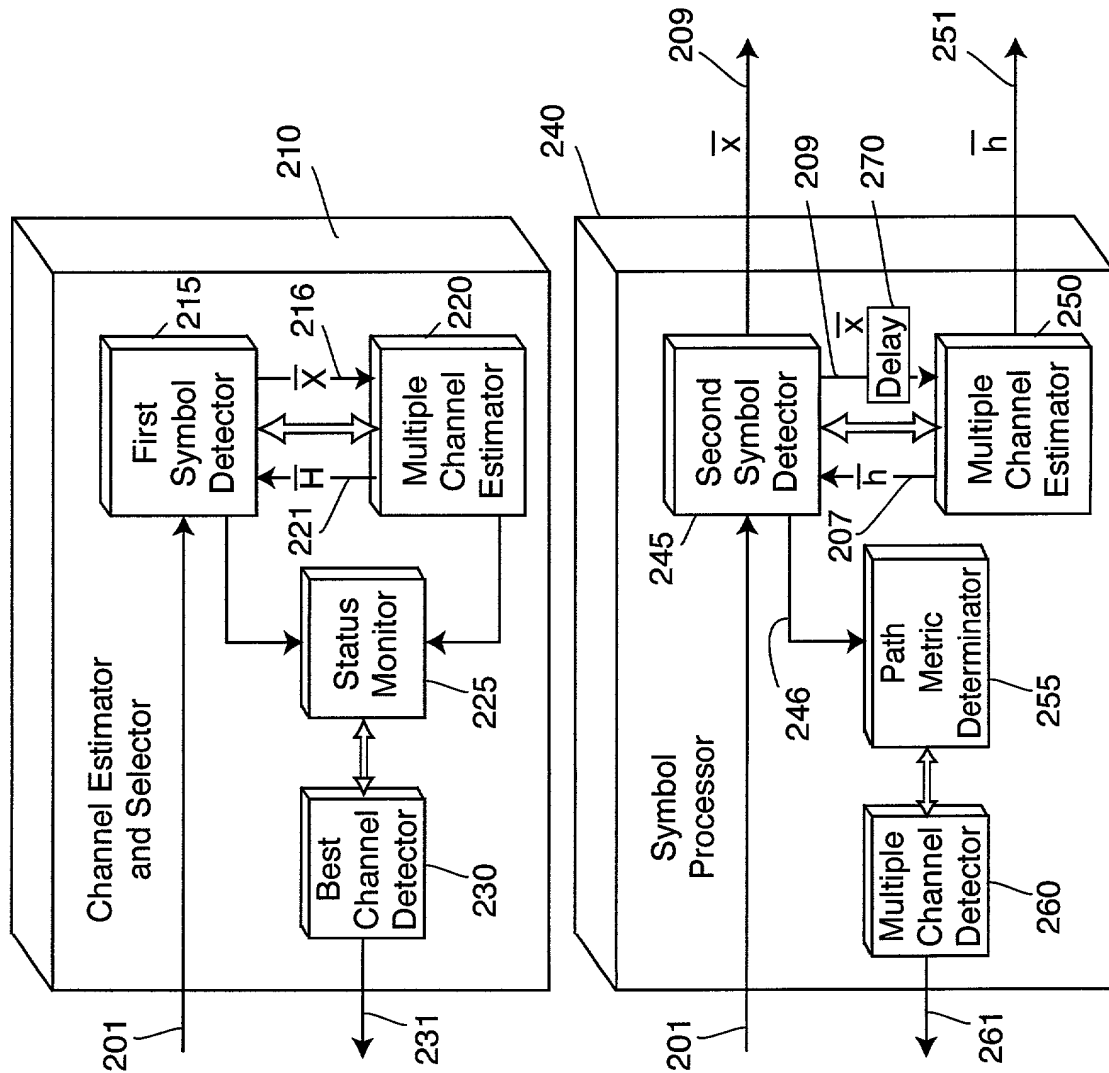
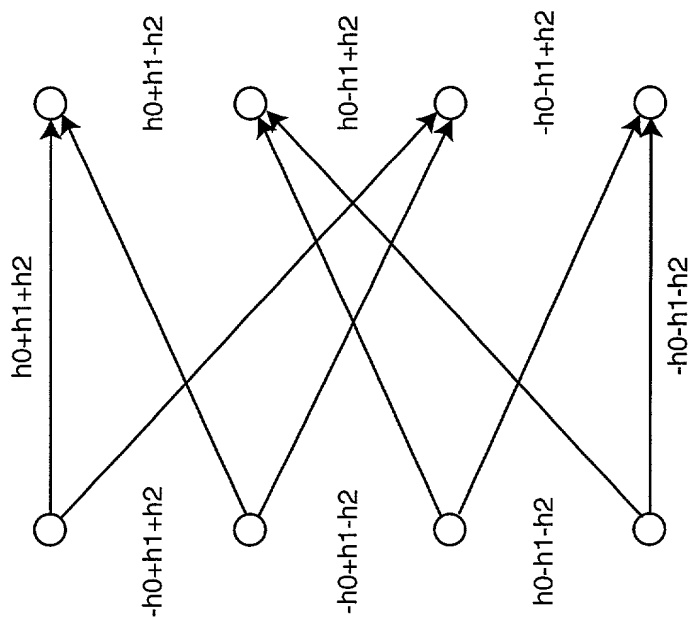


FIG. 2b

**Trellis Based Maximum Likelihood Signal Estimation Method and Apparatus for
Blind Joint Channel Estimation and Signal Detection;**

Inventor(s): Cao et al.
Filed: November 27, 2001

Attny. Docket: MH-5081
4 of 4 Drawing Sheets



300

FIG. 3